Abstract

An average filter or filters is used in line with the output of an interpolation filter to downscale an image. The interpolation filter upscales a source image or bitmap of pixels into an intermediate form and the average filter or filters downscales the intermediate form to a destination image or bitmap of pixels. This configuration incorporates a small amount of logic with a relatively low incremental cost, enabling high quality downscaling of text and computer graphics content. The invention achieves quality comparable to a filter/scalar combination with more taps or a separate decimation pass.

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